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MONTANA OIL AND GAS STATISTICAL BULLETIN

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Vol. XXV, No. 5 **MAY, 1976**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of May, 1976, averaged 90,922 barrels daily, an increase of 689 barrels from the average 90,233 production in April.

The seven refineries in the state processed 119,641 barrels of crude oil daily for the month of May, a decrease of 10,107 barrels from the 129,748 barrels processed daily during the month of April.

During May, 46 wells were completed, 12 oil, 15 gas, and 19 dry holes.

During May, the Board issued 84 permits to drill new wells, an increase of 33 from the 51 permits issued during April.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC. IN MONTANA
MONTH OF MAY, 1976

IN STORAGE MAY 1st	
By Producers	322,389
By Transporters	1,237,846
By Refiners	1,360,136
TOTAL STORAGE	2,920,371
Produced in Montana During Month	2,818,593
Imported During Month	3,138,735
TOTAL	8,877,699
DISPOSITION:	
Refined in Montana	3,708,880
Exported	1,960,937
Used for Fuel or Lost	7,510
TOTAL	5,677,327
IN STORAGE MAY 31st	
By Producers	326,289
By Transporters	1,451,679
By Refiners	1,422,404
TOTAL STORAGE	3,200,372

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NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA
Month of May, 1976

Field	M. C. Ft.
NATURAL:	
Bear's Den	6,130
Big Coulee	75,631
Black Coulee	6,507
Blackjack	4,760
Bowdoin	553,881
Bowes	67,454
Brown's Coulee	3,677
Canadian Coulee	6,027
Cedar Creek	137,202
Coal Coulee	6,964
Cut Bank (including Reagan)	176,592
Dry Creek	49,464
Ethridge	7,438
Flat Coulee	12,634
Fresno	13,003
Grandview	9,988
Hardin	2,963
Keith Block	112,522
Kevin Sunburst	35,634
Kicking Horse	2,582
Kinyon Coulee Area	1,110
Lake Basin	57,878
Liscom Creek	30,459
Middle Butte	1,624
Middle Dry Creek	5,659
Mt. Lilly	18,848
North Clark Fork	4,644
Plevna	4,693
Pumpkin Creek	86,279
Rapelje	46,567
Sherard	126,817
Strawberry Creek Area	1,623
South Clark Fork	2,523
South Devon	6,756
Tiger Ridge	1,256,781
Trail Creek	8,210
Utopia	11,145
West Butte	3,305
Whitlash	73,917
ASSOCIATED:	
Bell Creek	38,253
Cabin Creek	49,184
Elk Basin	38,593
Fairview	51,401
Glendive	150
Pine	35,566
Richland	37,652
Tule Creek	3,193
TOTAL	3,293,883

Total withdrawals for May, 1975 were 3,117,503 MCF.

PRODUCERS REPORT—MONTH OF MAY, 1976

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
4	Arch Apex	6	1,737	2,137	1,635	1,196		1,043
3	Ash Creek	3	510	793		642		661
1	Bainville	1	1,529	437		65		1,901
2	Bannatyne	2	403	415	415			403
4	Bear's Den	5	1,501	895		1,192		1,204
16	Bell Creek	184	18,854	732,924	735,681		3	16,094
1	Benrud	1	392	262		435		219
3	Benrud East	3	1,858	13,021		13,498		1,381
1	Benrud Northeast	1	598	1,313		1,291		620
1	Berthelote	1	244	129				373
3	Big Muddy Creek	4	1,874	24,501	22,687			3,688
5	Big Wall	14	1,391	5,844	5,986			1,249
4	Blackfoot	5	1,075	1,390	1,892			573
3	Border	7	3,090	1,123		1,197	8	3,008
1	Bowes	51	3,563	9,380	8,300			4,643
1	Bradley	1	765	753	1,223			295
1	Brady	1		211	211			
4	Brorson-Madison	4	706	2,238		1,899		1,045
4	Brorson-Red River	4	5,746	3,892		3,327	68	6,243
3	Brorson-Red River South	3	1,884	2,052		3,412		524
5	Brush Lake	5	1,331	9,260	9,034			1,557
1	Burns Creek	1	410	772		823		359
2	Cabin Creek	83		151,151	151,151			
1	Canal	1	311	1,555		883		983
8	Cat Creek	47	2,296	9,326	9,413			2,209
1	Clark's Fork	1	189	57		181		65
2	Clark's Fork North	2	445	224		379		290
1	Clark's Fork South	1	1,361	245		834		772
4	Conrad South	4		837	837			
2	Cow Creek	2	198	524		524		198
8	Cow Creek East	9	1,749	23,214		22,211		2,752
1	Culbertson	1	317	646		399		564
11	Cupton	11	6,543	9,837	8,564	2,126		5,690
133	Cut Bank	832	36,661	180,734	175,158	5,104	30	37,103
....	Dean Dome		553					553
1	Deer Creek	1	468	803	950			321
1	Delphia	1	88	283		177		194
1	Devil's Basin	1	400	186	177			409
1	Dry Creek	1	246	1,003	855			394
2	Dwyer	10	4,197	9,499	9,274			4,422
3	Elk Basin	50	593	92,890	92,904			579
5	Elk Basin Northwest	9	1,573	3,798	3,393			1,978
5	Fairview	9	8,610	29,871	17,597	12,763		8,121
2	Fertile Prairie	2	705	1,123		985		843
4	Flat Coulee	20	1,749	11,008	9,870			2,887
7	Flat Lake	49	2,915	55,447	55,662			2,700
3	Flat Lake South	3	517	1,697	1,387			827
1	Ft. Gilbert	2	389	6,444	6,184			649
....	Four Mile Creek		106					106
1	Frannie	1		744	744			
12	Fred and George Creek	28	1,447	41,704	40,497			2,654
1	Froid South	1	319	372		411		280
1	Gage	1	128	107		200		35
3	Gas City	15	4,319	16,081	13,367	2,804		4,229
1	Girard	1	1,227	788		603		1,412
12	Glendive	14	2,970	20,257	20,068			3,159
13	Goose Lake	32	3,367	24,581	23,756			4,192
12	Graben Coulee	35	8,105	5,571	3,488	1,877	158	8,153
5	Gumbo Ridge	6	3,366	11,143		12,623		1,886
4	Gypsy Basin	5	2,525	1,004		634	342	2,553
1	Hay Creek-Mission Canyon	1	119	869	882			106
1	Hay Creek-Red River	1	403	3,934	3,856			481
4	Hiawatha	3	2,063	4,168	4,743		19	1,469
1	Hibbard	1	372	500		413		459
3	Hiawatha	1	211	121				332
1	Howard Coulee	1	331	541	600			272
5	Ivanhoe	10	2,032	2,775	2,779			2,028
2	Jim Coulee	18	3,875	43,518	43,692			3,701
5	Keg Coulee	21	4,996	12,181	12,102		60	5,015
3	Keg Coulee North	3	767	1,571	1,296			1,042
1	Kelley	3	635	3,893	4,078			450
94	Kevin Sunburst	484	12,310	33,101	31,819	2,012	32	11,548
1	Laird Creek	11	1,118	1,714		1,779		1,053
1	Landslide Butte	1	384	164				548
3	Leary	3	2,298	4,122		4,694	60	1,666
2	Little Beaver	24	55	40,368	40,382			41
2	Little Beaver East	9	2,481	14,434	15,113			1,802
10	Little Wall Creek	11	3,816	25,380	25,314			3,882
1	Lodge Grass	1	977	835		1,267		545
2	Lone Butte	2	1,213	4,703		4,196		1,720
7	Lonetree Creek	7	4,181	13,746		12,705		5,222
3	Lookout Butte (Coral Creek)	30	455	58,695	58,868			282
2	Mason Lake	2	126	247				373
3	Melstone	4	789	1,743	1,735			797
1	Mineral Bench	1	396	157	391			162
1	Miner's Coulee	1		253		253		
9	Monarch	14	4,062	12,971	12,388	1,167		3,478
3	Mosser	10		558		558		
1	Nohly	2	808	8,253		8,155		906
3	Otis Creek	3	1,553	2,453		2,120		1,886
7	Outlook	9	6,957	25,861	23,125			9,693
1	Outlook South	1	888	774	856			806
2	Outlook West	2	1,638	1,680	1,495			1,823
1	Pennel	112		237,673	237,673			
4	Pine	110	13,015	199,050	199,297			12,768
63	Pondera	276	5,735	24,939	24,150		67	6,457
6	Poplar	63	8,171	41,906	40,685			9,392
7	Poplar Northwest	9	2,306	14,190	14,638			1,858
1	Prairie Elk	1	1,579	253	605			1,227
1	Pritchard Creek	4		1,060	1,060			
1	Putnam	2	242	1,039		981		300
4	Rabbit Hills	4	1,331	5,235		3,834		2,732
10	Ragged Point	21	7,180	12,430	12,917		(304)	6,997
1	Rattlesnake Coulee	1	577	182		209		550
6	Raymond	7	1,946	20,281	19,051			3,176
2	Raymond Northeast	2	1,100	3,141	2,609			1,632
3	Reagan	52	1,132	12,225	12,437			920
1	Red Creek	19		10,071	9,862	208		
1	Red Fox	1	164	515	417			262
1	Redstone	1	362	1,207	1,093			476
1	Repeat	1	620	916		1,256		280
3	Reserve	3	2,438	1,686	1,804			2,320
2	Richey	2	273	1,553		1,533		293
1	Richey Southwest	5	777	1,016		1,352		441
2	Riprap Coulee	2	1,035	2,100	2,225			910
4	Rosebud	5	1,506	6,686	6,106			2,086
1	Rush Mountain	1	523	2,124	2,137			520
2	Salt Lake	3	471	2,578		2,573		476
3	Sand Creek	4	993	3,040	3,149			814
3	Second Creek	3	1,176	8,216		7,937		1,455
3	Sheepherder	3	804	1,079	1,016		5	862
5	Sioux Pass	6	3,440	30,391	30,330			3,501
6	Sioux Pass North	6	1,063	18,426	17,395			2,094
1	Snyder	3	525	513		397		641
8	Soap Creek	22	2,952	4,053	4,541			2,464
1	Spring Lake	2	762	1,527		1,182		1,107
5	Stensvad	10	5,283	17,884	19,119		(174)	4,222
26	Sumatra	100	13,446	172,393	175,381		528	9,930
5	Tule Creek	5	2,313	16,236		14,536		4,013
2	Tule Creek East	2	993	1,792		1,718		1,068
3	Tule Creek South	3	607	1,286		877		1,016
2	Vida	2	686	367		675		378
5	Volt	6	2,849	9,597		9,482		2,964
2	Wagon Box	2	819	315		733		401
3	Weldon	3	997	3,806	3,750			1,053
1	West Butte	1		911		911		
29	Whitlash	59	9,760	17,133	17,386			9,507
....	Whitlash West		284					284
2	Willow Creek North	2	576	884	1,012			448
1	Willow Ridge	1		55	55			
2	Wills Creek South	2		2,013	2,013			
4	Winnett Junction	4	777	3,135		3,263		649
2	Wolf Springs	2	759	1,323		1,226		856
2	Woodrow	2	225	1,592	1,498			319
2	Wright Creek	3	1,229	859	1,143			945
....	Wildcat, Liberty Co.		47					47
....	Wildcat, McCone Co.		52					52
2	Wildcat, Musselshell County	2	610	2,521		2,558		573
3	Wildcat, Richland Co.	3	2,330	34,127		33,935		2,522
2	Wildcat, Roosevelt County	2	199	652		573		278
2	Wildcat, Rosebud County	2	453	3,540		3,399		594
1	Wildcat, Toole Co.	1	235	91				326
798	TOTALS	3,268	322,389	2,818,593	2,584,429	229,362	902	326,289

*Montana oil only. **Includes Wyoming oil.

TRANSPORTERS REPORT—MONTH OF MAY, 1976

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped to[5]			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			642				642		
BAINVILLE—Koch Oil Company			65				65		
BEAR'S DEN—Truck			1,192				1,192		
BELL CREEK—Continental Pipeline	25,806	735,681						734,580	26,907
BIG WALL—Continental Pipeline Co.		7,014				7,014			
BLACKFOOT—Phillips Petroleum Co.		1,892						1,892	
BORDER—Permian Corp.			1,197					1,197	
BOWES—Texaco		8,300					8,300		
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—Koch Oil Co.			8,638					8,638	
BRUSH LAKE—Portal Pipeline Co.		9,034					9,034		
BURNS CREEK—Western Crude Oil, Inc.			823				823		
CABIN CREEK & OTHERS[1]—									
Butte Pipeline Co.	234,378	394,483	19,865	1,259,859		134,758	1,502,597		271,230
Shell Pipeline Co.	7,626	319,167		43,339	(518)			367,488	3,162
	242,004	713,650	19,865	1,303,198	(518)	134,758	1,502,597	367,488	274,392
CANAL—Koch Oil Co.			883				883		
CAT CREEK—Continental Pipeline Co.		9,413				9,413			
CLARK'S FORK AND CLARK'S FORK SOUTH—Permian Corp.			1,394				1,394		
COW CREEK & COW CREEK EAST—Western Crude Oil, Inc.			22,735				22,735		
CUT BANK—									
Continental Pipeline Co.		241,990	9,292					251,282	
Phillips Petroleum Co.	90,282	68,750		124,457	5,247	163,336		45,935	68,971
Texas Pipeline Co.	16,977	18,920		73,598		91,537			17,958
Union Oil Co.	31,437	46,109			602	7,697			69,247
Western Oil Trans. Co.		50,396				50,396			
Western Oil Trans. Co. (Moulton)		60,017				60,017			
	138,696	486,182	9,292	198,055	5,849	372,983		297,217	156,176
DELPHIA—Truck			177			177			
DWYER—Portal Pipeline Co.		9,274					9,274		
ELK BASIN & ELK BASIN NORTHWEST—Marathon Pipeline Co.		95,920				95,920			
FAIRVIEW—									
Fairview Pipeline Co.		17,597					17,597		
Koch Oil Co.			12,763				12,763		
		17,597	12,763				30,360		
FLAT COULEE—Phillips Petroleum Co.		9,870				9,870			
FLAT LAKE & FLAT LAKE SOUTH—Portal Pipeline Co.		53,946					53,946		
FT. GILBERT—Fairview Pipeline Co.		6,184					6,184		
FRANNIE—Interstate Pipeline Co.		744					744		
FRED & GEORGE CREEK—Phillips Petroleum Co.	20,067	41,259			1,211	40,497			19,618
GAGE—Truck			200			200			
GIRARD—Koch Oil Co.			603				603		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—Texas Pipeline Co.	4,732	20,319						20,354	4,697
GOOSE LAKE—Portal Pipeline Co.		22,532					22,532		
GUMBO RIDGE—Permian Corp.			12,623					12,623	
HAY CREEK—Fairview Pipeline Co.		4,738					4,738		
HIAWATHA—Continental Pipeline Co.		4,743					4,743		
IVANHOE—Continental Pipeline Co.		2,779				2,779			
JIM COULEE—Continental Pipeline Co.		43,692				43,692			
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		13,398				13,398			
KELLY—Continental Pipeline Co.		3,228				3,228			
KEVIN SUNBURST—									
Big West Oil Co.	5,522	29,492				27,580			7,434
Homestake Oil & Gas Co.	1,159	3,402				2,765			1,796
Texas Pipeline Co.	17,094	6,490				7,046			16,538
Northern Montana Oil Service	1,548	30,229				29,492			2,285
	25,323	69,613				66,883			28,053
LEARY—Permian Corp.			4,694				4,694		
LODGE GRASS—Permian Corp.			1,267			1,267			
LONE TREE CREEK—Koch Oil Co.			12,705					12,705	
MELSTONE—Continental Pipeline Co.		1,735				1,532	203		
MIDDLE WALL—Continental Pipeline Co.[2]		22,706					22,706		
MOSSER—Permian Corp.			558				558		
NOHLY—Koch Oil Co.			8,155				8,155		
OTIS CREEK—Western Crude Oil, Inc.			2,120				2,120		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—Portal Pipeline Co.		25,560						25,560	
PONDERA—Phillips Petroleum Co.	33,227	26,201				33,536			25,892
POPLAR, RED FOX, REDSTONE—East Poplar Gathering System	12,491	48,334			229			49,664[3]	10,932
PUTNAM—Western Crude Oil Co.			981				981		
RABBIT HILLS—Koch Oil Co.			3,834				3,834		
RAGGED POINT—Continental Pipeline Co.		12,917				11,068	1,849		
RAYMOND—Portal Pipeline Co.		21,660					21,660		
RED CREEK—Western Oil Transportation Co.		14,048						14,048	
RESERVE—Portal Pipeline Co.		1,804					1,804		
RIPRAP COULEE—Portal Pipeline Co.		2,225						2,225	
ROSEBUD—Continental Pipeline Co.		6,106				6,106			
RUSH MOUNTAIN—Sinclair Ref. Co.		2,137					2,137		
SALT LAKE—Koch Oil Co.			2,573				2,573		
SECOND CREEK—Koch Oil Co.			7,937				7,937		
SHEEPHERDER—Continental Pipeline Co.		1,016						1,016	
SIOUX PASS—Continental Pipeline Co.		47,725					47,725		
SNYDER—Permian Corp.			397			397			
SPRING LAKE—Koch Oil Co.			1,182				1,182		
SUMATRA & STENSVAD—Continental Pipeline Co.	722,896	197,149		1,871,130	(163)	164,572		1,728,209	898,557
TULE CREEK, BENRUD, VOLT & OTHERS[4]—									
Tesoro Petroleum	12,604		43,303			49,452			6,455
Permian Corp.			877			877			
	12,604		44,180			50,329			6,455
WAGON BOX—Truck			733				733		
WHITLASH & WHITLASH WEST—Phillips Petroleum Co.		17,386				17,386			
WINNETT JUNCTION—Truck			3,263			3,263			
WOLF SPRINGS—Permian Corp.			1,226			1,226			
WILDCAT WELLS—Truck			40,465					40,465	
TOTAL	1,237,846	2,839,711	229,362	3,372,383	6,608	1,091,494	1,811,640	3,317,881	1,451,679

[1]Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Vida, Weldon and Wills Creek South.
[2]Little Wall Creek and Willow Creek North.
[3]Transferred to Butte Pipeline Co.
[4]Benrud, Benrud East, Benrud Northeast, Culbertson, Froid, Four Buttes, Tule Creek, Tule Creek East, Richey Southwest and Volt.
[5]Other States and Connecting Carrier columns are almost all exported crude with the exception of the Northwestern fields.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF MAY, 1976

	Big West Oil Co.	Continental Oil Co.	Exxon Co.	Farmer's Union	Phillips Petr. Co.	Tesoro Petr. Co.	Westco Refining Co.	Total
Big Wall		5,986						5,986
Cat Creek		2,372		6,319				8,691
Cut Bank					88,091			88,091
Elk Basin		38,847	29,188	27,885				95,920
Flat Coulee							5,857	5,857
Fred and George Creek	13,500							13,500
Ivanhoe		2,779						2,779
Keg Coulee		9,775	1,635					11,410
Kelley			3,228					3,228
Kevin Sunburst	10,303							10,303
Lodge Grass		126						126
Pondera					12,995			12,995
Ragged Point		12,917						12,917
Rosebud		6,106						6,106
Richey Southwest						3,549		3,549
Snyder		397						397
Sumatra and Stensvad		74,334	89,190					163,524
Tule Creek and Others						58,090		58,090
Whitlash					46,383			46,383
Wolf Springs			1,226					1,226
Volt						19,067		19,067
TOTAL Montana Oil	23,803	153,639	124,467	34,204	147,469	80,706	5,857	570,145
Canadian Oil Imported	77,209	641,517	552,117	387,057	49,232			1,707,132
Wyoming Oil Imported		418,740	629,153	383,710				1,431,603
TOTAL Montana, Canadian and Wyoming Oil	101,012	1,213,896	1,305,737	804,971	196,701	80,706	5,857	3,708,880

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year: 1975	24,463	53,077	54,237	131,777
May, 1975	23,075	43,173	48,186	114,434
May, 1976	18,392	55,069	46,180	119,641

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year: 1975	18.56%	40.28%	41.16%
May, 1975	20.16%	37.73%	42.11%
May, 1976	15.37%	46.03%	38.60%

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1975	32,843,558	89,982	32,601,792	89,320
First Quarter, 1976	8,148,656	89,546	8,157,809	89,646
April, 1976	2,706,999	90,233	2,695,542	89,851
May, 1976	2,818,593	90,922	2,813,791	90,767

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage**
December, 1975	325,804	1,339,123	1,000,787	2,665,714
March, 1976	312,369	1,326,897	1,202,879	2,842,145
April, 1976	322,389	1,237,846	1,360,136	2,920,371
May, 1976	326,289	1,451,679	1,422,404	3,200,372

*Montana oil only. **Includes Wyoming oil.